

GFC approves AIDS guidelines

AIDS guidelines are now in place at the University of Alberta. The guidelines, developed over the past year by representatives from Student Services, University Health Services, Occupational Health and Safety Policy Committee, the Faculty of Medicine, Personnel Services and Staff Relations, and the Office of the Vice-President (Academic), were endorsed by General Faculties Council on 20 March.

A comment from Peter Miller, Dean of Student Services, was, "We're treading in unfamiliar territory so all advice and comments are most welcome."

Lack of space prevents a listing of the complete guidelines, but the general guidelines state that the University will follow the "Recommendations for Prevention of HIV Transmission in Health-Care Settings" as standards for proper hygiene. Medical Research Council guidelines apply to teaching and research settings that may involve biologically hazardous material.

All medical information on campus will continue to be treated as confidential.

Employees of the University of Alberta, or prospective employees, shall not be discriminated against because they have tested positive for the HIV antibody.

Student guidelines

- Consideration of the existence of AIDS, ARC (AIDS related complex), or a positive HIV antibody test will not be part of an admission decision.
- University officials will not undertake programs of screening applicants or students for the antibody to HIV. The University of Alberta will not attempt to identify those applicants or students in high risk groups and require screening of them.
- Students who have AIDS, or a positive HIV antibody test, whether they are symptomatic or not, will be allowed regular classroom attendance in an unrestricted manner as long as they are physically able to attend classes.
- Students will not be denied

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University of Alberta

6 April 1989

INSIDE
SPECTRUM



Wang Yingluo, Vice-President of Xian Jiaotong University, and President Horowitz cement the agreement.

Master's plan links U of A, Xian Jiaotong University

An agreement between the University of Alberta and Xian Jiaotong University in China was formalized at a signing ceremony held here on 29 March. The agreement officially opens the second phase of the Canada Management Education Project, the aim of which is to develop a master's degree program in administrative studies at Xian, and to train Chinese staff in Canada for teaching positions in China.

Sponsored by the Canadian

International Development Agency, the \$2.5 million project is a five-year cooperation agreement between the Faculty of Business and the Xian Jiaotong University School of Management. Canadian partners in the Cooperation Agreement are the Universities of Calgary, Manitoba, Regina and Saskatchewan. Chinese partners are Chongqing University and Chengdu University of Science and Technology.

The signing ceremony was

attended by a delegation of deans from management schools in China who are touring major Canadian universities. The visit is designed to give them a firsthand look at Canadian approaches to graduate education, which their scholars will be implementing in the new Chinese degree program. □

NASA membership vociferous at special general meeting

Close to 1,500 people attended a special general meeting of the Non-Academic Staff Association (NASA) in the Main Gym, called at the end of March on a petition from 114 NASA members "to discuss the implications of the Aitken Plan and measures that could be taken to halt the implementation of it."

In the course of the at times noisy meeting, a number of motions were proposed and several were passed.

NASA president Brendon O'Neill (Planning and Development) said that the next NASA newsletter will include information on these motions. □

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- Managers at U of A, Advanced Education trade jobs
- China's 'Barefoot Doctor' program and its possible application in the north
- Profile: Derek Patten, Audiovisual Services
- Anna Barry joins Drama Department as guest director

Guidelines

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access to student facilities, theatres, restaurants, residences, cafeterias, snack bars, gymnasiums, swimming pools, recreational facilities, or other common areas, on the basis of having AIDS, ARC, or a positive HIV antibody test. Contact sports, however, need to be considered separately; some have potential dangers. Separate guidelines dealing with contact sports have been developed.

● Students who have AIDS, ARC, or a positive HIV antibody test will not be denied access to University housing or residences as residents on the basis of having AIDS, ARC, or a positive HIV antibody test. Decisions about the level and type of support provided in residential housing to students with AIDS, ARC, or a positive HIV antibody test will be made on a case-by-case basis. Those making decisions will keep in mind the fact that AIDS is a condition present in an individual, not one that inhabits a building. The best currently

available medical information does not support the existence of a risk to those sharing residence rooms with infected individuals; there may, however, be, in some circumstances, reasonable concern for the health of those with AIDS or ARC who might be exposed to certain contagious diseases (e.g., measles or chickenpox) in a close living situation. Health or housing officers may wish to recommend that students with AIDS or ARC be assigned private rooms in the interest of those infected students.

Degree requirements

● The University of Alberta will make every effort to ensure that students with AIDS or ARC are able to complete their program requirements.

Safety guidelines

● The University has adopted safety guidelines for the handling of blood and body fluids as set out in the AIDS general guideline statement.

● The University of Alberta Hospitals has adopted AIDS-related protocols. Other organizations where students are placed for clinical and practicum purposes may have their own AIDS-related protocols.

Amendments to Faculty Agreement

The Students' Union proposed this change to the Probation and Tenure section and the Salary Increments and Promotion section of the Faculty Agreement: "Except where a staff member has no teaching assignment, performance as a teacher shall be given at least equal weight to performance of research and scholarly work."

The current wording in these sections is: "Except where a staff member has no teaching assignment, performance as a teacher shall be of major importance in the review."

John Bertie, President of the Academic Staff Association, felt that the phrase 'be given at least equal weight' was ambiguous. If a faculty member's assigned duties

were 80 percent research and 20 percent teaching, it might be interpreted that 20 percent teaching should be given equal weight to the 80 percent research, he noted by way of example.

Paul LaGrange, Students' Union President, replied that the SU was aware that research and teaching loads might be disparate but he hoped that in probation, tenure, salary increment or promotion reviews, teaching would be treated equally.

In Dr Bertie's opinion, the intent of the proposal was to correct the perception, and perhaps the reality, that teaching was given less importance than research.

The end result was that Council will ask the Agreement Review Committee to consider the following amendment to the two sections in the Faculty Agreement, the phrase "in the review" having been added by Council: "Except where a staff member has no teaching assignment, performance as a teacher shall be given at least equal weight, in the review, to performance of research and scholarly work." □

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University
of
Alberta

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Notice of coming events: 9 a.m. three weeks in advance of desired publication date.
Classified advertisements: 3 p.m. one week in advance of desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 30 cents per word with no discount for subsequent insertions. There is a maximum limit of 30 words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.
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Members of the Alberta Elks Association and Royal Purple Fund were recognized recently for their continuing support of the Institute for Stuttering Treatment and Research (Executive Director: Einer Boberg). Their support, now exceeding \$250,000, has resulted in more than 200 people from around the world being treated at the Institute. Charles McMechan, Grand Exalted Ruler, Elks of Canada, and Peter Meekison, Vice-President (Academic), were among the participants at the dedication ceremony in honor of the Elks. Mr. McMechan, who journeyed here from Manitoba, said the ceremony was the first ever held to thank the Elks in a formal manner.

Grant Canadian Photographics Inc.

McDowall, Rozenhart effect first job exchange between University of Alberta, Advanced Education staff

A University of Alberta employee and a Government of Alberta employee have traded jobs for 1989. William McDowall, Administrative Manager in the University's Planning and Development Office, exchanged positions on 1 February with Robert Rozenhart, Capital Finance Manager with Alberta Advanced Education.

A similar exchange between two U of A employees took place in 1986, but the McDowall-Rozenhart exchange is the first to cross campus borders.

Part of the responsibility attached to the Planning and Development position involves the University's capital budgets and requests for government funding, and such requests eventually reach the

Capital Finance Manager at Advanced Education (along with all such requests from colleges, universities and technical institutes in the province).

The exchange offers each participant the stimulation of new challenges. At the same time, both institutions benefit from what each person brings to the new position and from what they learn while in it. McDowall can help the government understand University perspectives more clearly, and Rozenhart can help the University understand what the government needs to know from the institutions requesting money. He says, "What I'm trying to do is to help the University present a position to government that is more saleable."

This position exchange grew out of a suggestion from Advanced Education's Deputy Minister Lynn Duncan to Vice-President (Administration) Allan Warrack, who would like to see more U of A staff involved in job exchanges, both within the University and with government agencies.

Dr Warrack strongly supports the idea because exchanges expand the pool of experience of University staff, while increasing the professional options available to individual staff members. "We don't want to lose these people, and we hate to have a situation where the only way they can really expand their experience is to leave us," he says.

Regarding the McDowall-Rozenhart exchange,

Dr Warrack echoes the claim of mutual benefit. "The more government understanding we can have, the better. And . . . the more University understanding there is in the workings of the Department of Advanced Education, the better." □

Globe and Mail series on Canadian universities

If you missed all or part of the *Globe's* recent seven-part series on funding problems at Canadian universities, call Public Affairs (Lorraine, 2325) for a copy of the entire series. □

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'Barefoot Doctor' program in China could work well in Canadian north

What lessons from the fate of the "Barefoot Doctor" program in China can apply to health care delivery in the Canadian north?

The question is timely, stressed David Young (Anthropology), at a joint Nursing-Anthropology lecture on 23 March. Health care is an important aspect of the current devolution, or gradual turning over of decision-making, from federal to territorial and community governments in the north. He suggested that Indian bands and northern communities in general can learn from the Chinese experience of providing paramedical services to their isolated and tremendously culturally diverse rural communities.

Wei Bei-hai, a Distinguished Visitor to campus under the auspices of Nursing, Anthropology and Physiology, offered a unique perspective on the 20-year-old Chinese program. A physician, trained in both Western and traditional Chinese medicine, Dr Wei has studied the sociocultural aspects of integrating the two approaches. Grant Ingram (graduate student, Anthropology), who conducted field work in China and will continue to study the rural health care system there, spoke about the relevance of the Chinese model for Canada.

Through an interpreter, Charles Pei, Director of the Edmonton Center of Chinese Heritage Studies, Dr Wei described the development of the "Barefoot Doctor" program to provide health care to China's rural population of 800 million at the time of the Cultural Revolution. "Because farmers traditionally work barefoot in the rice paddies and the doctors stayed with the commune as part of the production team, they were called 'barefoot doctors'," he explained. They treated patients in a small clinic in the village or out in the fields. Otherwise, they farmed along with them, he added. Individuals with junior or senior high school education received six months' to two years' medical training. They were paid at the level of the best farmers, with

funds collected from each household.

Without this program, China's rural population could not receive meaningful health care, Dr Wei emphasized. Its success has been recognized and studied by international health organizations.

Three-tiered rural system

As China has changed, the program has evolved to a three-tiered rural system, with county, large and small village clinics. Village doctors are now considered to be professionals within the communities, responsible for medical care not farming. They report to the village committees. Funding can be covered by contributions from everyone, from village enterprises, and the local government, or wealthier farmers can pay for services as needed. Doctors are now paid according to the quality of their service and qualifications, he indicated. "Village doctors are no longer limited to on-the-spot treatment, but are taking more responsibility within the whole health care system . . . they take care of preventive medicine . . . monitor the whole village." They look after birth control and family planning, for example, Dr Wei explained.

The system is committed to recruiting local youth who are trained in special medical schools and then return to their communities. Continuous short-term and specialized training in county and city hospitals helps them develop a higher standard of care.

"From the original concept of 'barefoot doctors' to provide basic medical service, it has now switched to a more general, high quality medical insurance system," he concluded.

During his visit to hospitals and clinics near Beijing, Grant Ingram observed the roles of health care workers and families in the rural medical system which integrated traditional herbal remedies and laser surgery equipment. He believes that certain aspects are

Professional Development for APOs Information Sessions

University Archives and Collections

Jim Parker, Director of University Archives and Collections, will be discussing the new 100,000 square foot facility that will service and maintain the University's Archives and Collections. The information session will consist of illustrations of the Centre's functions, an overview of programs, and discussions.

Mr Parker will be assisted by Ms Helen Collinson, Curator; Ms Janine Andrews, Registrar; and Mr Bryan Corbett, Chief Archivist.

Date: **Friday, April 14, 1989**

Time: 10:30 a.m. to 12:00 noon

Place: Council Chamber, 2nd floor, University Hall

While these sessions are directed at APOs, other interested staff are welcome, space permitting.

Pre-registration not required.

For more information, contact:

Mrs Eva M. Cherniavsky
Administrative Officer (Academic)
3-13 University Hall
(ext. 4588)

appropriate to Canada. Accordingly, his organization model for the north, "would allow for variation and autonomy at the local level and at the same time maintain links with existing regional and southern structures." He proposed a holistic approach, involving regional health and training centres, native healers and Western medicine, primary care to be delivered from community health centres in which health care practitioners would either be local people or southerners committed to the north.

"We can be encouraged by the progress the Chinese have made in providing health care to their rural population by emphasizing prevention, decentralization and community organization," he said. □

Horowitz, Betkowski to address symposium

On 10 April, from 1 to 4 pm in the Express Lounge, SUB, there will be a symposium titled "Educating the Human: The Human Spirit and the Crisis of the University." Addressing the symposium will be President Myer Horowitz and Health Minister Nancy Betkowski. There will be a panel of respondents from the University community.

Because Dr Horowitz is stepping down from his position as President, this will be one of the last opportunities the campus community will have to hear his vision of the University. □

Profile: Derek Patten, Supervisor, Audiovisual Services

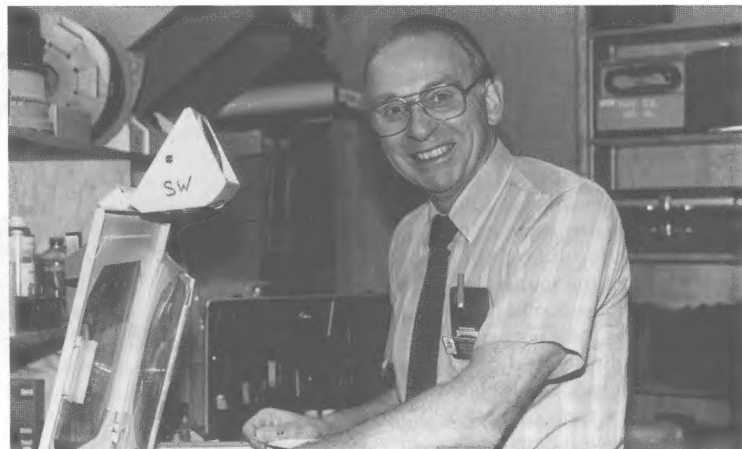
In room lights are dimmed in Humanities, Tory and the Business Building, and a slide presentation runs smoothly, Derek Patten can smile. Another job well done for him and the people with whom he works. They supply departments and more than 100 centrally-scheduled rooms with audiovisual equipment. "When professors need a projector, we make sure it's in good condition and it's there."

Patten himself is primarily involved with repair and maintenance for the "real mixture" in the 881 item stock, including tape recorders, 16 mm and 8 mm film projectors, overhead projectors (some with a liquid crystal accessory), PA systems, microphones, slide projectors, even "an old favorite", epidiscopes (called 'opaque' projectors, or 'opqs'). Patten explains: "You

insert a book and the page is projected onto a screen."

Since he began as a University audiovisual technician in 1970 and became a supervisor in 1980, "demand has certainly increased," Patten remarks. Deliveries of equipment more than doubled from 1980 to 1985, steadily climbing since. But he and his staff not only fill more requests, they service and send out different kinds of machines. "We found in the early days, 16 mm projectors were busy and we expected with the boom in 1980 in half inch video, that would quiet down." Not the case, he reports. Meanwhile, demand for video has accelerated.

Meeting the audiovisual needs of individual instructors and conference speakers on campus is "an ongoing concern." Besides preventive maintenance for equipment, many other aspects



Public Affairs

Derek Patten revives an ailing overhead projector. Audiovisual Services employs three staff year-round, one person on an eight-month appointment, and one driver who assists the various divisions of Technical Services. Nine students are given spot assignments.

come into play. "Imagine the arrangements before someone ends up in a room with a projector," Patten says. "You weigh factors like screen size, room size, different lenses for specific applications." Some rooms need only a 26-inch TV monitor, others a projection TV for a 10- by 10-foot square image. Patten also advises people to check out the rooms before their lectures, to inspect the screen, power and lights and make sure they can work the equipment. He's always ready to show them how and to answer their questions, he says.

Actually, meeting with people is his favorite part of the job, Patten reveals. "I've always been people-oriented," he reflects. Being a good listener and being able to communicate well are assets for the job, he believes, since he's continuously involved with faculty and with architects concerning audiovisual aspects of new buildings and renovations. And he works closely with his staff to quickly solve any problems. "It's a real team effort," he stresses.

A "Geordie," from Newcastle-on-Tyne, Patten was a

contract manager for glass companies before emigrating to Edmonton with his wife, Joan, and two daughters in 1967. His technical skills evolved as natural aptitude ("I've been mechanically inclined all my life," he shrugs) combined with training as an airframe rigger working on Sunderland flying boats for the Royal Air Force. "I learned hydraulics, oleo-pneumatic suspensions, tires and wheels," he recalls with amusement, "but Sunderlands didn't have any." An interest in cars, racing Austin minis and a Fiat 600 in England, and tinkering with his own car now, as well as on-the-job experience, have helped keep his mechanical skills honed.

He enjoys taking the equipment apart, "especially in a quiet time like Reading Week. I can really give my thoughts to it." Just so, when "10 different pieces come off and have to go back on in the same order." Nonetheless, Patten insists, "I find repairing equipment very relaxing . . . especially when I hit the switch and it goes again," he adds. □

Replenishment of GFC Standing Committees 1989-90

The terms of office of a number of staff members serving on GFC standing committees, and on bodies with membership elected by GFC, will expire on 30 June 1989. The GFC Nominating Committee will soon be seeking replacements for these members and wishes to inform the University community that vacancies will occur on the following committees/bodies:

Academic Appeals Committee (Regular and Alternate Members)
Campus Law Review Committee
Committee for the Improvement of Teaching and Learning
Conference Funds Committee
Council on Student Services
Department Chairmen Selection Committee: Panel of Members
Executive Committee (Nominees must be GFC members)
Facilities Development Committee
Library Committee
Planning and Priorities Committee
The Senate (Nominees must be GFC members)
Undergraduate Scholarship Committee
Undergraduate Teaching Awards Committee
University Appeal Board (Alternate Member)
Universities Co-ordinating Council
Writing Competence (Nominees must be from the Department of English or the Faculty of Science)

The GFC Nominating Committee invites nominations for these positions. All nominations, or expressions of interest, should be accompanied by a brief biographical sketch and be directed to: Ms. M. Delane, Coordinator, GFC Nominating Committee, 2-5 University Hall (492-4715).

Faculty studies 1989-90

Applications for faculty studies (Cameron and Rutherford Libraries) for the 1989-90 year are now being accepted. Application forms and the guidelines for allocation are available from

department offices or the office of the Chief Librarian, 5-02 Cameron Library.

The closing date for applications is 1 May 1989. □

East Asian Languages & Literatures students well-spoken

17 March was a great day for the Irish, not to mention a large number of students who participated in the third annual Students' Speech Contest in Chinese (Mandarin).

Prizes were awarded in four categories, the first three being increasingly difficult levels of Mandarin, and the fourth for students who speak other Chinese dialects. Prizes were also awarded to students who showed potential.

Each student spoke for about five minutes on the topic of their choice; the seven judges paid particular heed to pronunciation, content and impression.

Sharon Domier (level 1), Peggy Au (level 2), Laurie Brochu (level 3) and Andrew Dawrent (level 4) emerged victorious from the three-hour contest.

The grand prize winner, Dorothy Jekill, ticket at the ready, is congratulated by Laifong Leung (East Asian Languages and Literatures), emcee of the contest.

Other contributors to the contest included the Edmonton Chinese Lions Club, the Chinese Embassy



Dorothy Jekill, ticket at the ready, is congratulated by Laifong Leung (East Asian Languages and Literatures), emcee of the contest.

in Ottawa, the Coordination Council for North American Affairs Office in Seattle, and Canadian-Chinese Times. □

Tune into life sciences research on compact disc, Library exhorts

The Science and Technology Library is looking for help in assessing CD ROM versions of two of its printed indexes in the life sciences.

Biological and Agricultural Index covers about 200 English journals basic to the life sciences. The U of A Library subscribes to virtually all of the journals indexed. The CD version holds five years (July 1983 to July 1988) worth of printed volumes. It is available on trial in the Library until mid-June.

Agricola indexes materials held in the US National Agriculture Library and is especially good for federal and state government documents relating to agriculture, forestry, and home economics. Not everything indexed in Agricola is held at the U of A. Eighteen years of Agricola (1970 to November 1988) are available on two CDs, which are on trial for 30 days ending 17 April.

Staff and students are invited to come and try out these new

computer-searchable indexes. Print off a bibliography on your research topic, or transfer your search results to a personal floppy disk.

This new trend in "computerized research for the rest of us" is not limited to the Sciences. CD ROM versions of other major indexes have been introduced into the Library over the past 18 months. These include Index Medicus and PsychoInfo in Health Sciences, PsychInfo in Education, ABI Inform in Winspear (Business), Sociofile in the Humanities and Social Sciences Library and Applied Science and Technology Index already in the Sci/Tech Library.

Call the Science and Technology Reference Desk (2nd floor, Cameron Library), 492-7912, to reserve a time on the CD ROM workstation. The Library welcomes comments on these disks or on the previous trial of the Life Sciences Collection. The choice of which life sciences CD ROM to purchase will be made over the summer. □

Come full circle with Faculty Club's 'Walk Jog Run Ope

There will be a surging tide near the Faculty Club on 22 April. It's not spring runoff, but rather the "Walk Jog Run Open" sponsored by the Faculty Club and Campus Fitness and Lifestyle.

Participants have a choice of the 3.1 km course (one loop around campus) or the 6.2 km course (two loops). Start and finish will be just east of the Faculty Club.

There's a \$15 fee; all entrants are eligible for draw prizes courtesy of the Running Room, U of A Bookstore and Labatt's.

Entry forms are available from Campus Fitness and Lifestyle. Entry deadline: 8 pm, 21 April. (Because of space limitations, entries must be limited to 250.) □

Public Affairs

7 April at 2:30 pm in the centre lounge located directly in front of the Candelier Gard and Gift Shop.

The guest list includes President Myer Horowitz; John Schlosser, Chair, Board of Governors; and Peter Taitt, Executive Assistant to the Vice-President (Administration).

An informal fashion show featuring both current and 1972 styles and the serving of light refreshments will follow the guests' remarks.

University Women's Club

The University Women's Club will hold its monthly general meeting on 17 April at 7:30 pm at McKay Avenue School. Guest speaker will be Mike Kostek, archivist, Edmonton Public School Board. His topic is "History of Edmonton: Public Schools and Stories that Should Not be Told."

Further details from Susan Macara, membership secretary, 453-2214, or Ruth Cavanagh, publicity officer, 484-8884, or 483-8219.

Dinner with Davenport

The University of Alberta Business Alumni Association will hold its inaugural dinner on 27 April, at the Westin Hotel. Guest of honor is Paul Davenport, President-elect, U of A. Cocktails will be served at 6 pm, dinner is at 7. Cost: \$25 members, \$30 non-members. RSVP (yes only) to Barbara Chaffey, Alumni Office, 492-4523, by Wednesday, 19 April.

Sign Language Classes

"Spring" sign language classes will be conducted by Disabled Student Servi from 8 May to 14 June (Mondays and Wednesdays, 5:30 to 8:30 pm). The fee for the noncredit, introductory level 1 classes is \$70 per person.

Call 492-3381 to register. Deadline: 1 May.



Campus reviews

As part of the process of carrying out systematic reviews under the guidance of the President's Advisory Committee on Campus Reviews (PACCR), the Department of Ophthalmology is completing the self-study phase of the review process. The other major phase of the process is the site visit and assessment by the Unit Review Committee on 10, 11, and 12 April 1989.

In preparation for this second phase, PACCR invites written comment prior to 12 April 1989. Submissions are for the use of the Unit Review Committee and will be held in confidence by the members of that committee.

Submissions should be sent to: Mrs. Shirley Moore, Coordinator, PACCR Office, W4-13 Chemistry Building, Attention: The Ophthalmology Unit Review Committee.

Hie yourself over to HUB

HUB International Marketplace has recently undergone interior renovations and now boasts 55 shops and services.

A rededication ceremony, reminiscent of HUB's opening in 1972, is planned for

Student profile: Chris Gongos, Department of Music

Chris Gongos is the first recipient of one of the most prestigious awards in the Department of Music, the Beryl Barnes Scholarship in Music Performance. It is renewable for a second year based upon continued superior academic achievement. Now in his third year of the BMus, Honors in Performance, his chosen instrument is the French horn, which he selected because of its odd instrumentation.

Gongos' university days began in the Faculty of Science. The nature of that Faculty being too practical for his musical inclinations, he switched after one year to the

Music program. His musical interest goes back to the age of seven, when he learned to play the guitar. He decided to broaden his musical skills by joining the school band in grade seven. He enjoyed the challenge of learning this instrument's part in a band. In grade nine, Gongos joined the Catholic Schools All City Band, with which he played once each week until his first year of university. All through his days at Austin O'Brien High School in Edmonton, Gongos was a member of both the stage and concert bands.

While at the University of

Alberta, Gongos' music involvement has included a wind ensemble, summer repertoire work, the Edmonton Youth Orchestra, and the Edmonton Wind Symphonia. Some of his more interesting work has been with a brass quintet through his Chamber Music course, which includes two trumpets, a trombone, tuba, and French horn. To Gongos, it is very important to play both in an orchestra and in something as small as a quintet. It allows him to be a more "well-rounded, versatile" musician, able to "play in any situation."

After his undergraduate degree, Gongos would like to move on to a master's in Music, and eventually play and teach French horn for his livelihood. (He now gives French horn lessons in his home.) Besides his devotion to his studies, Gongos likes to attend concerts. He listens to a lot of classical music, and dotes on jazz because it "comes from within."

The most fulfilling moment in Gongos' promising career thus far

was winning the Beryl Barnes Scholarship. Studying music at the University enables him to learn more about music than he would if he was to study with a music conservatory. His degree requirements include the history of music, ear training, theory, and proficiency in piano. Sometimes, with all of these course requirements, he misses his horn time, although private instruction is also part of his program. Whereas in high school his musical interest was more superficial, Gongos assesses his University studies this way: "I can see merits in almost everything I play. I have a broader appreciation for the forms and styles of music."

During the summers, Gongos has been chosen by the Kiwanis to play solo horn at National Music Competitions all over Canada, all expenses paid. Also during the summers, he works for Edmonton Parks and Recreation, and, of course, plays his horn in the evenings. □



As part of his degree requirements, Chris Gongos recently presented a solo French horn recital in Convocation Hall.

Anna Barry: EFF Distinguished Visitor

Internationally renowned instructor, director and actress Anna Barry has joined the Department of Drama as a Distinguished Guest Director with the support of the Endowment Fund for the Future.

Currently resident in London, England, Ms Barry specializes in the acting, directing and teaching of Shakespearean text.

Ms Barry began working on stage at the age of 12. Ten years later she began formal training at the Royal Academy of Dramatic Art. Since then, she has appeared on television ("Dr Who," "No Hiding Place," "The Strauss Family," "General Hospital"), and acted and directed at such theatres as the Old Vic, the Royal Lyceum Theatre in Edinburgh, and the Leeds Playhouse.

She has prepared and appeared in five one-woman shows. The first, "Mistress Mine," has been broadcast on BBC and CBC Radio, presented at the Edinburgh Festival, the Stratford-on-Avon Festival, toured Belgium and

Poland for the British Council, and was performed at the 1983 Edmonton Fringe Festival where Ms Barry won the Best Performer Award. She has also appeared in many other Edmonton Fringe Festival productions, including "The Singer's Tale" (1984), "Youth's the Stuff" (1985), "Annie Wobbler" (1987), and "Female Parts" (1988).

In Edinburgh she ran a writer's workshop where new plays were developed to full scale production.

She has taught and directed at the London Academy of Music and Dramatic Art, the Guildford School of Music and Drama, and the Mountview Drama School where she has directed many "showcase" productions as well as devising three acting/musical shows.

While with the Drama Department here, Ms Barry will be the guest director for the second-year BFA (Acting) students, directing scenes from William Shakespeare's "As You Like It" and "Much Ado About Nothing." □

'The Changing Centre: Style or Substance?'

In the 23 March Faculty of Arts Teaching Committee forum, Norman Yates (Professor Emeritus of Art and Design) spoke about how his teaching notions gradually evolved out of ideas in his painting. In both, the "centre" is never fixed, it's always in motion. "I tried to use this philosophy in my teaching," reported Professor Yates, "recognizing that as students evolved, I would evolve in relation to them; as they progressed, so I had to change in relation to that situation." As well, he added, he tried to "reach for the substance in each student's being" rather than stressing other painters' styles.

Through a series of slides, Professor Yeats showed the emergence of the concept of the changing centre in his art. As an Albertan, he felt a love for the land and a growing admiration of the seemingly boundless space. "Space is the prime aspect of the prairies," he reflected. As a painter, he faced the paradox of how to express limitless space on a two-dimensional surface.

Rather than follow tradition and treat the canvas as a window, Professor Yates sought a means of

expressing the possibility of movement. "Space tends to engender movement," he explained. Somehow, in his painting, he wanted to convey the idea of multiviews, the relationship to movement through space as opposed to one view "through a window," confined by the edges.

He developed the idea of modular structure. "The edges don't constitute boundaries . . . you can add surfaces together . . . the modular structure builds as the painting grows . . . an edge always related to another edge," Professor Yates suggested. "When you work on one panel, it's a centre, but in your mind that's not the end of it. Your mind immediately generates forms that can be moved on to other spaces . . . The modular system grows as a 'changing centre', in a spiral fashion, always generating new forms." The five-storey-high mural on the wall of Education North was painted in this way. "It stopped at a point where I liked the shape of it," he confided.

Professor Yates stressed the importance of bringing this concept of multiview to his teaching and the way it related to helping

students develop their own unique "substance." He acknowledged that in practice, the approach can be stressful, take a lot of time and energy, and involve immense individual work. The first step, he found, was to ask students about their expectations and then offer avenues for their development as artists. "I was always attempting to work from what the students could provide . . . one thing they had to offer was a recognition of self that could grow. That was what I built on and I was prepared to change in response to that."

He would offer technical information and examples of other artists' work and style as they related to the students' needs, not on a fixed schedule, he explained. The goal, he suggested, was toward a personalized style. "Style with substance, not as opposed to substance."

The idea rests in the integrity of the professor to make sure you're not missing the student's point before closing the door, Professor Yates asserted. He believes "there are no fixed questions or solutions, only relationships" to explore. □

A new technique for locating oil

Comparing maps to show up likely oil-rich areas.

Vast reserves of undetected oil now may be locatable, thanks to a new technique developed by geologists at the University of Alberta.

Until now, oil exploration has relied primarily on geological data to estimate the locations of the thick deposits of sandstone (sand lenses) likely to hold oil deposits. Too often, however, deciding where in a field to drill the next well comes down to an educated guess. And a productive sand lens may lie unrecognized between two wells drilled several miles apart.

The geologists' new technique for locating oil is based on the study of groundwater flow through sedimentary rock.

Graduate students Kevin Parks and Ben Rostron, under the direction of József Tóth (Geology), have used a specialized mapping system to demonstrate that the presence of thick sand lenses is accompanied by matching anomalies of groundwater and oil potentials. Those three things together mean that oil is probably present also.

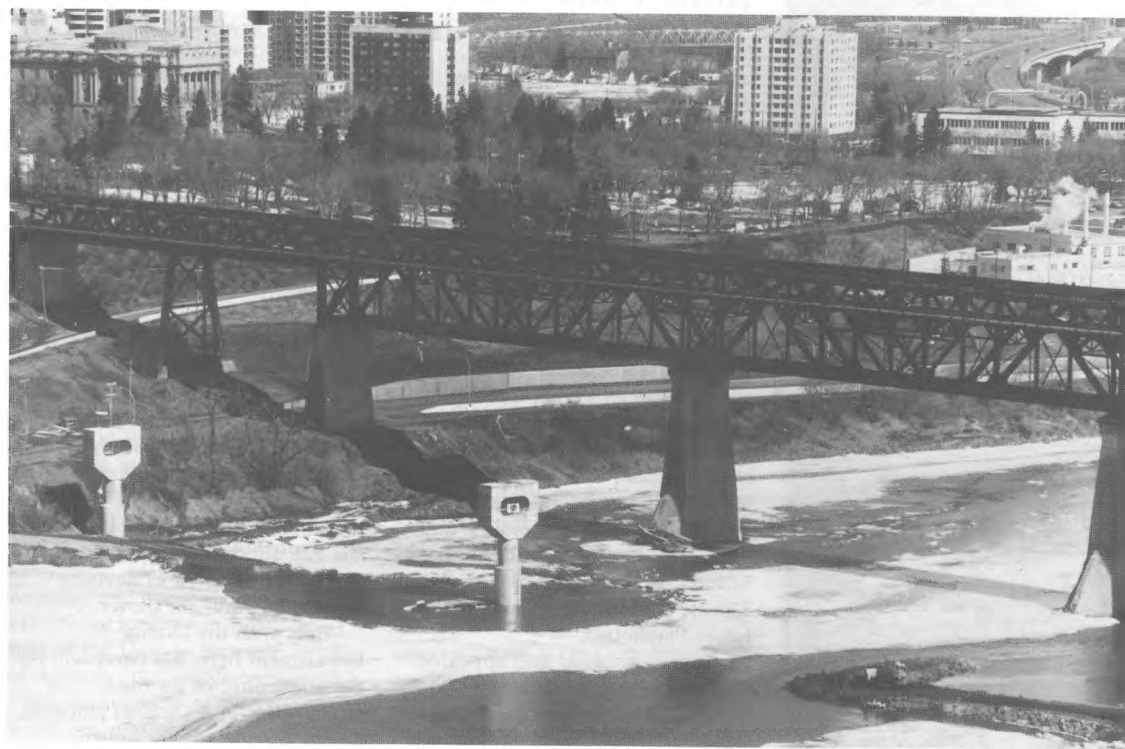
Parks and his colleagues are confident of the strength of the relationship among these factors. They believe it would be worth while for oil companies to perform drill stem tests on every well they have drilled, and use the data to plot potentiometric maps revealing the likelihood of oil-rich sand deposits.

The technique would be of greatest interest to companies doing development work in well-drilled basins, where much of the mapping data are already accumulated.

In Texas, for instance, new fields accounted for only 11 percent of all oil found in the years 1973 to 1982. The remaining 89 percent came from developed fields.

Says Parks, "That gives an idea of how much oil is still left in the ground in established areas where a technique like this can be applied." Big finds still exist; but more and more, companies will have to turn back to older fields.

Public Affairs



Eyes north

Work on the bridge for the South Light Rail Transit system as seen from the top of the Tory Building.

page eight, Folio, 6 April 1989

*Reprinted from Research Report, published quarterly by the University's Office of Public Affairs.

ACTIVITIES

Peter Huck (Civil Engineering) has been invited to join the editorial board of the new *Journal of Water Supply Research and Technology*, to be published by the International Water Supply Association (London, England). Dr. Huck was also recently appointed to the Research Advisory Council of the American Water Works Association Research Foundation.

- The Office of Research Services recently held a successful conference on the numerous aspects of licensing. About 125 people from universities, industry, research concerns and high-tech firms attended the conference at the Hilton Hotel.
- In the recent Edmonton Symphony Orchestra Concerto Competition, **Kathleen Corcoran** (MMus student) and **Lauressa Pawlowski** (BMus, 1986) shared second prize (\$750). **Darlene Schubert** (MMus student) placed third and received \$500. As part of their prize, Corcoran and Pawlowski were featured in concert with the ESO on 26 February at McLab Theatre. They also will be recorded by CBC Stereo for broadcast on "Alberta in Concert." Schubert was asked to sing the national anthem at an Oilers game at the Coliseum.



Back row, left to right: David Vanderwell, Barry Irving (coach), Edward Bork.
Front row, left to right: Bonnie Stelfox, Clara Qualizza, Jodie Kekula, Rob Brown.

Agriculture/Forestry students fare well in competition

A team of six undergraduate students from the Faculty of Agriculture and Forestry competed in two contests last month, and came away with two team awards and one individual award. The competition, sponsored by the Society for Range Management, took place in Billings, Montana.

Edward Bork, Rob Brown, Clara Qualizza, David Vanderwell, Jodie Kekula and Bonnie Stelfox, placed fifth out of 19 in the plant identification contest and third out of 17 in the Undergraduate Range

Management Exam.

Bork won the all-around student award, presented for the first time this year. In order to qualify, the student had to place in the top 25 percent of both exams. The award includes an all-expenses paid week to Washington, D.C., to meet with land management agency heads.

As well, all the students presented papers in the undergraduate paper session. They were coached by Barry Irving, Plant Science technologist. □

Duplicating set up: the price was right

Printing Services has been authorized by the Price Review Committee to adjust the pricing formula of the standard Duplicating Program, from 2.6 to 3 cents per copy, as of 3 April. The previous change occurred in June 1986. Operations and materials required beyond the basic definition of the Duplicating Program (i.e., black ink, white bond, camera-ready copy) will be accommodated under QuickPrint.

In addition to these changes, Printing Services is introducing a new service called "InstaPrint." This expedited service is intended to satisfy the requirements of emergency situations on an as-you-wait basis. The basic price for the service will be 5 cents per copy. Prior arrangements can be made through the Production Office (492-4246) to guarantee immediate delivery from the main plant. All four locations of copy centres around campus will offer this service as workloads permit. The same basic definition of the Duplicating Program applies, which also includes free collating and stapling. □

International Centre

7 April, noon Eat and Meet and Sing—the last official Friday lunch featuring the musical ensemble, "Kilts and Frogs Legs." 172 HUB International.
10 April, noon Stephanie Bishop, "Three Months in Rwanda: A Personal Perspective." 172 HUB International.

Area Studies Committee Africa and South Asia

7 April, noon Koganty Rao, "Telugu Literature: Social and Political Issues." 14-6 Tory Building.
14 April, noon Nalini Murthy, College at Prince George, B.C., "Kannada Literature Through the Ages." 14-6 Tory Building.
21 April, 3 pm A film presentation, "Maharajah Swathi Thirunal: A Great Composer and Social Reformer—" a short introduction by P. Krishnan. 14-6 Tory Building.

Plant Science

7 April, 12:30 pm R. Pluim, "Predation Mechanisms of Nematode—Trapping Fungi." 1-06 Agriculture-Forestry Centre.

Physics

7 April, 2 pm Serge Pineault, Université Laval, "The Neutron-Star—Comet—Dinosaur Connection." V-121 Physics Building.

Canadian Institute for Nordic Studies

7 April, 3 pm Ragnar Rommetveit, Department of Psychology, University of Oslo, "Reflections on the Language Conflict in Norway by a Speaker and Writer of the Minority Version of Norwegian." Senate Chamber, Arts Building.

Club IDC

7 April, 3:30 pm Matthew Zachariah, University of Calgary, "Democratic Communism in Education: The Case of Kerala, India." 5-180 Education North.

Zoology

7 April, 3:30 pm Janis Weeks, Department of Entomology, University of California, Berkeley, and Department of Biology, University of Oregon, "Hormonally Mediated Changes in Neuronal Structures and Functions During Insect Metamorphosis." M-149 Biological Sciences Centre

Boreal Institute and Zoology

10 April, noon Greg Henry, "Reaction of Vegetation to Devastating Overgrazing: The Case of Rideout Island, NWT." B-105 Biological Sciences Centre.

Rehabilitation Medicine

10 April, noon Jerome Schein, "New Technologies in the Rehabilitation of Hearing Impaired People." 109 Corbett Trailer Complex.

EVENTS



Talks

Soil Science and Agricultural Engineering

6 April, 3 pm RA Feddes, Institute for Land and Water Management Research, Wageningen, The Netherlands, "Water Management with Links to Agrometeorological Research and Remote Sensing." 1-13 Agriculture-Forestry Centre.

Entomology and Genetics

6 April, 4 pm MG Kidwell, Department of Ecology and Evolutionary Biology, University of Arizona, Tucson, "Evolution of Regulation of Transposable Elements." TBW-1 Tory Breezeway.

Chaplains' Association

10 April, 1 pm M Horowitz will keynote the symposium, "Educating the Human: The Human Spirit and the Crisis of the University." Panelists from various parts of the University will respond. Express Lounge, SUB.

Rural Economy

10 April, 3:15 pm Fredoun Ahmadi-Esfahani, "Seminar of Rural Economy Seminars: An Assessment." 519 General Services Building.

English

10 April, 4 pm Gary Kelly, "Feminized Revolution/Revolutionary Feminism." L-3 Humanities Centre.

11 April, 4 pm Dr Kelly, "Romantic Feminism." L-3 Humanities Centre.

Anatomy and Cell Biology

13 April, noon Jonathan Blay, postdoctoral fellow, Department of Pharmacology and Therapeutics, University of Calgary, "EGF Regulation of Prostacyclin Production in Cultured Vascular Smooth Muscle Cells." 5-10 Medical Sciences Building.

Soil Science

13 April, 12:30 pm M Nyborg, "Fate of ¹⁵N-Labelled Nitrogen Added to Soil: The Alberta Experience." 2-36 Earth Sciences Building.
20 April, 12:30 pm BN Johnson, "Ergosterol Analyses for Fungal Biomass and Polyamine Biosynthetic Potentials for Measuring Fungal Dynamics in Soil and Mycorrhizal Roots." 2-36 Earth Sciences Building.

Entomology

13 April, 4 pm GW Courtney, "Lower Origins of a Higher Insect: Hypotheses on the Evolution of Mountain Midges (Diptera:Deuterophlebiidae)." TBW-1 Tory Breezeway.
17 April, 4 pm WG Eberhard, Escuela de Biologia, Universidad de Costa Rica, "Coital Courtship and the Evolution of Animal Genitalia." TBW-1 Tory Building.

Animal Science

14 April, 3 pm Mike Dugan, "Hirsuteness, Image and Performance." 1-13 Agriculture-Forestry Centre.
21 April, 3 pm John Dugan, "Neonatal Lipid Digestion." 1-13 Agriculture-Forestry Centre.

Genetics

14 April, 4 pm Patricia A Romans, National Institutes of Health, Bethesda, Maryland, "Insect Immunity and Prospects for Genetically Engineering Mosquitoes Refractory to Malaria Transmission." G-217 Biological Sciences Centre.

Medicine

18 April, 3:30 pm Bryce KA Weir, "Cerebral Vasospasm." 2-115 Clinical Sciences Building.

Techniques in Cell and Molecular Biology Seminar Series

19 April, noon Warren Gallin, "Genomic and cDNA Cloning." Presented by Anatomy and Cell Biology. 6-28 Medical Sciences Building.

Marketing and Economic Analysis

20 April, 3 pm Kenji Tominomori, professor, Faculty of Economics and Business Administration, Hokkaido University, "Has the KANBAN System Really Surpassed Fordism? (An Assessment of the Impact of "Just-in-Time" System)." 4-16 Business Building.

The Arts

Exhibitions FAB Gallery

Until 9 April "Bank's Floreligium" — illustrations of flora and fauna from Captain Cook's first voyage to the south Pacific, 1768-1771.
Until 9 April "Exotic Steel" — sculptures by local artists.

Studio Theatre

Until 8 April "The Diviners." 492-2495.

Music

7 April, 8 pm Concert Choir Concert—Bruce Wheatcroft, director. Admission.
9 April, 8 pm Chamber Music Recital.
14 April, 1 pm Meet the Masters—Guitar Masterclass—Norbert Kraft, guitarist. Admission: \$5.
16 April, 8 pm Alta Nova Piano Trio Recital.
All events in Convocation Hall.
Admission: \$5/adults; \$3/students and seniors.

SUB Theatre

7 April, 8 pm Ian Tyson.
14 April, 8 pm Punjabi Concert—"Golden Star." Tickets at door.
21 April, 8 pm Faculté Saint-Jean presents "Hart Rouge." 469-4401.

Positions

The University of Alberta is committed to the principle of equity in employment. In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Academic

APO, Department of English

The Department of English invites applications for the position of Administrative Professional Officer.

Reporting to the Chair, the APO is accountable for the planning, establishment and maintenance of an

administrative support system to facilitate the teaching and research functions of the Department. S/he holds responsibility for the preparation and monitoring of budgets (operating, capital, trust), timetabling and student registration. S/he also analyzes and interprets University, Faculty and Department policies, coordinates the activities of the support staff and otherwise assists the Chair and Associate Chairs in all matters conducive to the efficiency and harmony of the Department.

The position calls for someone with intelligence, tact, and initiative, thoroughly literate and capable of working authoritatively with a variety of people. Applicants should also have a university degree and/or considerable administrative experience, preferably at this University.

Salary will be commensurate with qualifications and experience. The current salary range for the position is \$30,734 to \$46,118 per annum. Applications, including curriculum vitae and the names of three referees, should be forwarded to: Dr Linda Woodbridge, Chair, Department of English, University of Alberta, Edmonton, Alberta T6G 2E5. Deadline: 21 April 1989.

Support Staff

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 31 March. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

The salary rates for the following positions reflect adjustments in accordance with the terms for the implementation of the Pay Equity Program, effective 1 April 1989 for those positions in the "green-circled" and "white-circled" categories.

Clerk Steno (Part-time), Grade 4, Health Sciences Laboratory Animal Services, (\$771-\$950) (prorated)
Senior Financial Records Clerk, Grade 4, Technical Services, (\$1,542-\$1,900)
Clerk Steno, Grade 5, Faculty of Agriculture and Forestry, (\$1,685-\$2,087)
Clerk Steno, Grade 5, Office of the Dean of Agriculture and Forestry, (\$1,685-\$2,087)
Secretary, Grade 5, Centre for Advanced Study in Theoretical Psychology, (\$1,685-\$2,087)
Systems Control Clerk, Grade 5, Physical Plant Parking Services, (\$1,685-\$2,087)
Administrative Clerk, Grade 6, Office of Student Awards, (\$1,806-\$2,298)
Library Clerk, Grade 6, Faculté Saint-Jean, (\$1,844-\$2,298)
Departmental/Executive Secretary, Grade 6, Faculty of Graduate Studies and Research, (\$1,844-\$2,298)
Office Services Senior Clerk, Grade 6, Pension and Benefits Administration, (\$1,844-\$2,298)
Assistant Buyer, Grade 6, Materials Management, (\$1,844-\$2,298)
Departmental/Executive Secretary, Grade 7, Office of the Vice-President (Research), (\$2,008-\$2,516)
Maintenance Worker, Grade 4, Housing and Food Services, (\$1,763-\$2,172)
Distribution Clerk, Grade 5, Materials

Management, (\$1,808-\$2,385)
Equipment Supervisor, Grade 7, Physical Education (Support Services), (\$2,295-\$2,876)
Administrative Assistant, Grade 9, Housing and Food Services, (\$2,225-\$2,976)
Nurse, Grade 9, University Health Services, (\$2,420-\$3,401)

The following positions retain salary rates in accordance with the current classification system and pay plan.

Clerk Steno III (Part-time/Trust), Faculty of Business, (\$812-\$1,020), (prorated)
Clerk Steno III (Term to 6 November 1990), Faculty of Extension, (\$1,421-\$1,785)
Clerk Steno III (Trust), Canadian Institute of Ukrainian Studies, (\$1,421-\$1,785)
Clerk Steno III (Trust), Continuing Medical Education, (\$1,421-\$1,785)
Clerk Typist III (Trust), Bioethics Project, (\$1,421-\$1,785)
Secretary (Trust), Faculty of Medicine, (\$1,584-\$2,023)
Student Records Processing Clerk II (Term to 5 October 1989), Rehabilitation Medicine, (\$1,584-\$2,023)
Animal Assistant II (Part-time/Hourly), Health Sciences Laboratory Animal Services, (\$9.37-\$11.77/hour)
Technician I (Trust), Surgical Medical Research Institute, (\$1,643-\$2,109)
Public Relations/Publications Assistant II, Housing and Food Services, (\$1,785-\$2,297)
Biology Technician II/Technologist I (Trust), Genetics, (\$1,863-\$2,611)
Technologist I (Split-funded), Zoology, (\$2,023-\$2,611)
Technologist I/II (Trust), Pathology, (\$2,023-\$2,851)
Biology Technologist I (Trust), Genetics, (\$2,023-\$2,611)
Biochemistry Technologist I/II (Trust), Biochemistry, (\$2,023-\$2,851)
Technologist I (Trust), Immunology, (\$2,023-\$2,611)
Nurse (Trust), Medicine, (\$2,109-\$2,730)
Programmer Analyst III, Computer Engineering, (\$2,851-\$3,723)
For vacant Library positions, telephone 492-3790.

Advertisements

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Rent - Grandview. 2,300 sq ft split-level. Quiet crescent, pie-shaped lot. September 1989 to April 1990. Appliances, jacuzzi, microwave. \$1,350/month. Western Relocation Services Limited, 438-1044.
Rent - Lendrum. Three-bedroom house. Finished basement, partially furnished. Available 1 July 1989 for 14 months. Single garage. Western Relocation Services Limited, 438-1044.
Rent - Four-bedroom house with fireplace, sundeck. Available furnished, August, for one year. \$900 plus utilities. 492-2302 or 436-8808.
Rent - Study leave home, Riverbend. Summer 1989-summer 1990. Four bedroom, furnished, piano, mature yard. No smokers. \$1,000. 435-864
Rent - Quiet bachelor suite, University area. Non-smoker. 436-2507.
Rent - Large furnished house, walking minutes from University campus/hospital. 432-7845 (evenings).
Rent - Parkallen. July 1989-June 1990. Quiet, renovated, three-bedroom,

fully-furnished semi-bungalow. Close to schools, transportation, University. \$750. 492-5942.

Rent - Spacious, two-bedroom home, two blocks from University. One year beginning August 1989. No smokers, pets, please. Rent and furnishings negotiable. 439-3360.

Sale - Adjacent to University Hospitals. Spacious, elegant townhouse. Five appliances, fireplace, fully carpeted, two bedrooms, 1 1/2 baths, underground heated parking. Perfect for a working couple. Asking \$102,000. 439-2269 evenings.

Rent - Large, executive, furnished home, fifteen minutes from University, for one year beginning July 1989. \$1,200/month. 435-8667.

Rent - May-June 1989. 109 St 68 Ave. One-bedroom house with study. Completely furnished, washer, dryer. \$275/month including utilities. 437-4191.

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Sale - Owner, McKernan. 78 Ave across from school, nicely upgraded, two-storey semi-bungalow. Three bedrooms plus den. Gas barbecue included. 488-9553, 436-1758 after 5 pm.

Rent - One-bedroom apartment across from University. Available 1 May-31 August, fully furnished. Attractive. Call 431-1702.

Lansdowne. Just listed! \$156,000. New beige broadloom, large master bedroom, new three-piece ensuite, oak country kitchen, family room, three bay windows. Liz Crockford, Spencer Real Estate, 436-5250, 434-0555.

Sale - Riverbend. Super large bungalow. Family room opens to southwest patio and brick barbecue area. French doors, jacuzzi, air conditioned, shake roof. Liz Crockford, Spencer Real Estate, 436-5250, 434-0555.

Sale - Lakefront, Wabamun. Huge lot. Panoramic view. Three-bedroom cottage, fully furnished. For further details, call Chris Tenove, 433-5664, 436-5250. Spencer Realty.

Sale - Winterized cottage, Wabamun. Three-bedroom bungalow. For details, call Chris Tenove, 436-5250, 433-5664. Spencer Realty.

Rent - July 1989-July 1990. Four bedroom, fully furnished, Mill Creek. Piano, many appliances. Ideal for relocation, study leave family. 433-8510.

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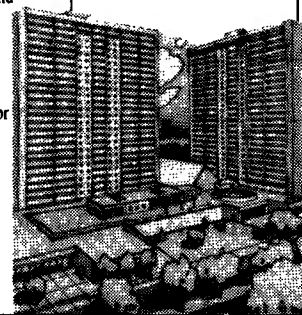
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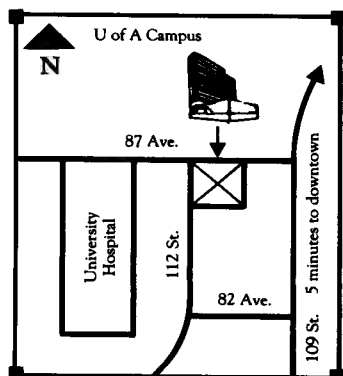
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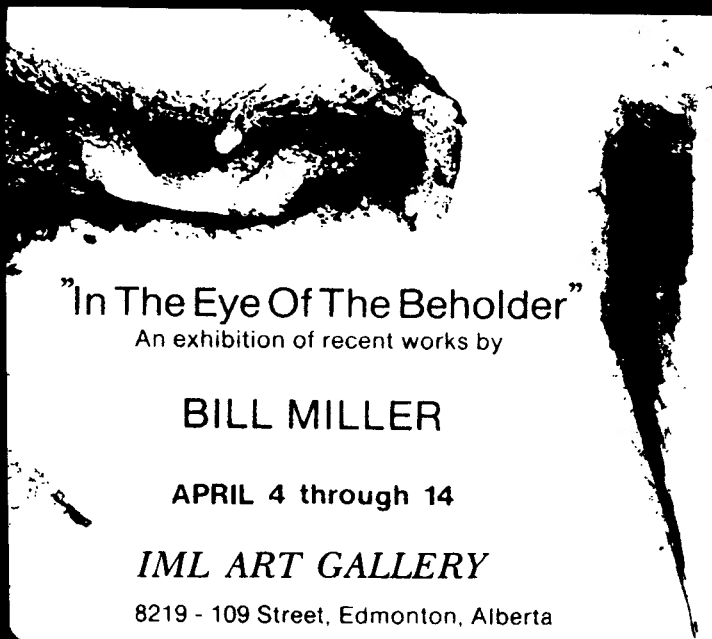
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Macintosh, IBM-PC and compatibles

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